

ELEMENTS OF EXCELLENCE



April 2015 - Rosecrans Air National Guard Base, St. Joseph, MO



Commander's Letter

Col. Ralph L. Schwader
Commander, 139th Airlift Wing

The men and women of the 139th Airlift Wing never cease to amaze me. This year, as always, they have proved the 139th is - Always Ready, Ever Willing. As you reflect and enjoy stories of our accomplishments of the past year, I ask you to look towards our future.

The President's Budget projects about \$115 billion more than sequestration level caps over the next five years, which under current law will return in FY2016 and continue through FY2021. While fiscal uncertainty is all around, I remind you what we have to offer. The Guard is highly trained with years of experience, has the same requirements to remain fully qualified as the active duty, and can do it at a fraction of the cost to the taxpayer.

As we plan for the future, both strategically and fiscally, I am focused on three main goals for the 139th.

First, **modernize our current fleet of C-130H aircraft** while we continue to push for recapitalizing our fleet to C-130J models.

Second, **acquire a C-130H simulator**. Having the simulator will equate to a five million dollar annual savings to the taxpayer. The 139th AW, since we are the home of the Advanced Airlift Tactics Training Center (AATTC), currently has twice the number of pilots who need to maintain qualification. Performing simulated flying operations to maintain qualification for our Airmen means less cost in fuel, maintenance



and personnel expenditures. The simulator will also allow the AATTC to develop, test and implement tactics to teach DoD aircrews and a host of international students without traveling to another simulator site.

Third, **expand our current 18 international partnerships**. Wars and other operations are not fought by the U.S. alone. In every deployment, we have worked with our allied nations in some capacity. That's why we train with our allies here and why we are looking to add two more countries to the tactics training curriculum at the AATTC.

The National Guard understands the fiscal challenges facing the nation and the Department of Defense, and intends to be part of the solution. As Missouri's Senator Roy Blunt said, "We believe the National Guard can be part of a cost effective security solution that retains affordable security for peacetime as well as the ability to respond to unforeseen future contingencies."

Danish Royal Air Force and Japanese Air Self Defense Force C-130 cargo aircraft sit on the ramp at Rosecrans Air National Guard Base, Mo.



Economic Impact

Fiscal year 2014 economic impact on St. Joseph/Buchanan County from Rosecrans Air National Guard Base

Salaries, Wages, and Monetary Benefits*

\$60,463,293

Operations and Equipment/Maintenance Expenditures

\$26,459,429

Construction and Capital Investment

\$2,169,208

Advanced Airlift Tactics Training Center Students, Symposiums, etc. expenditures

\$2,003,958

TOTAL DIRECT EXPENDITURES

\$91,095,888

Times multiplier effect through local economy

1.8

*Approximately 1362 full and part time Guardsmen, Air Force Reservists, Active Duty, other federal employees, state employees, direct contractors, etc.

Total Economic Impact

\$163 Million

PEOPLE & COMMUNITY



Airmen from the 139th Civil Engineer Squadron, volunteer to help build a house for Habitat for Humanity, May 17, 2014. (U.S. Air National Guard photo by: Lt. Col. Grace Link)



Senior Airman Sheldon Thompson runs with the veterans team, Team Red White and Blue, while carrying the U.S. Air Force flag during the Kansas City Royal 5k for Charities Run at Kauffman Stadium, Aug. 2, 2014. (U.S. Air National Guard photo by: Senior Airman Patrick P. Evenson)

An aircrew from the 180th Airlift Squadron, Missouri Air National Guard, poses for a photo with a World War II re-enactor (center) and two survivors of D-Day (left) June 3, 2014, in Sainte Mere Eglise, France. The aircrew participated in flyovers as part of the 70th anniversary of D-Day celebrations in June. (Courtesy photo)



The Honor Guard from the 139th AW presenting accompanied by local musicians during Aug. 17, 2014. (U.S. Air National Guard photo)



Airmen with the 139th Airlift Wing volunteer in performing general groundskeeping at Mount Mora Cemetery, May 21, 2014. (U.S. Air National Guard photo by: Senior Airman Patrick P. Evenson)



(Top) Airman 1st Class Katie Kelly passes out candy to kids during the Apple Blossom Parade in St. Joseph, Mo., May 7, 2014. (U.S. Air National Guard photo by: Senior Airman Patrick P. Evenson)



(Middle) Airman 1st Class Josh Hartman, assigned to the 180th Airlift Squadron, wraps gifts at Rosecrans Air National Guard Base, Mo. Airmen from the 139th Airlift Wing donated more than \$1,300 that was used to buy gifts for local charities. (U.S. Air National Guard photo by Tech. Sgt. Michael Crane)



Airmen play the National Anthem while performing at the Trails West Festival in St. Joseph, Mo., May 7, 2014. (U.S. Air National Guard photo by: Senior Airman Patrick P. Evenson)



(Bottom) Members of the 139th Airlift Wing, Missouri Air National Guard, participate in the annual holiday workshop in December. (U.S. Air National Guard photo by Airman 1st Class Katie Kelly)



Operations Group

- ➔ 14,700 of 38,700 (38%) total hours flown in the last 10 years were combat flight hours.
- ➔ A portion of C-130 fleet scheduled for deployment in Southwest Asia.
- ➔ 75% of pilots assigned to the Wing are also veteran airline pilots; this gives a huge experience advantage over active duty counterparts.
- ➔ Completed multiple combat and humanitarian deployments throughout the world.
- ➔ Average aircrew member in the 139th has over 50 combat missions.
- ➔ 139th Operations Group was awarded the Air Force Outstanding Unit Award for Meritorious Service, May 2009- June 2011.



- ➔ The 241st Air Traffic Control Squadron was solely responsible for the design of the Iraqi commercial airspace system that is still in use today.
- ➔ The 241st Air Traffic Control Squadron controls the local airspace for unlimited training options.
- ➔ Drop zone and short field landing operations are available on site; other units must travel long distances to complete this training.

Wing rated 'Effective' during CAPSTONE

The 139th Airlift Wing emerged from the Air Mobility Command (AMC) Inspector General team's 7-day Unit Effectiveness Inspection (UEI) Capstone with an overall "Effective" rating on Oct. 8, 2014. "I couldn't be more proud of this unit," said Col. Ralph Schwader, 139th Airlift Wing commander. AMC sent 46 inspectors, primarily from Scott Air Force Base, Ill., to review base operations. With a focus on self-evaluation, this Capstone event is a new Air Force inspection that focuses on continual evaluation, and will take place every four years for Air National Guard units, with a midpoint every two years.



"Leadership ensured they provided a mission focused force to Air Mobility Command, National Guard Bureau, and combatant commanders," reads the report.

The inspectors looked at four major areas: leading people, managing resources, executing missions, and improving the unit. The Wing received an 'effective' rating in each area.

"The report [we give] is a tool for the commander to improve his unit through the commander's inspection program," said Col. Philip Clinton, AMC inspector general team chief.

The UEI program aims to encourage a culture of constant improvement that nurtures readiness and mission accomplishment.

AMC aims to reduce the size of follow-up inspection teams to around 20 members as wings demonstrate positive corrective action plans and outcomes, said Clinton.

"Instead of painting the grass, we want you to fertilize the grass," said Clinton.

Mission Support Group



- ➔ Designed and executed over \$7.6M in construction projects to include award of a new Security Forces Facility (Artistic illustration)



- ➔ Coordinated and executed a Military Construction Cooperative Agreement for design and construction of a \$7.6M Runway 13/31 Assault Strip Repair (Courtesy photo)



- ➔ Developed and implemented a detailed training program throughout the CE squadron resulting in obtaining highest readiness rating for the past year. (Courtesy photo)



- ➔ Through the State Partnership Program, coordinated and instructed over 30 Panamanian government officials in USAF Fire Services and Emergency Management response procedures, resulting in increased Panamanian awareness of USAF procedures. (Courtesy photo)



- ➔ Airmen assigned to the 139th Security Forces Squadron, Missouri Air National Guard, participate in convoy training, at Rosecrans Air National Guard Base, Mo. (U.S. Air National Guard photo by Senior Airman Sheldon Thompson)

Mission Support Group



➔ The 139th Communications Flight started AFNET integration and initiated the pre-migration process from ANG to the AF Network, for all of our systems and users, by coordination with the Air Force Network Integration Center (AFNIC). The goal of this project is to collapse all individual or stand-alone Air Force, Air Force Reserve and Air National Guard networks into the AFNET, making it the second largest single Microsoft Network in the world. This is the largest Air Force Cyberspace upgrade in the history of the Air Force. Our AFNET Migration began September 30th 2014.



The 139th Logistics Readiness Squadron had an outstanding year, culminating in the return of 16 Air Terminal Operations personnel from a 220 day deployment to Camp Bastion, Afghanistan. Their professional efforts resulted in the receipt of 9 AMN, NCO and SNCO of the Month Awards while on station.

Maintenance Group

- ➔ The 139th Maintenance Group (MXG) continues to establish itself as the Missouri Air National Guard's premier provider of isochronal (ISO), back shop and flight-line maintenance.
- ➔ The MXG was not only seen accomplishing the mission in the "Show Me" state and across the nation, but around the globe, to include Puerto Rico, France, Lithuania, Germany, while also making history with the first ever C-130 air drop in the central African country of the Republic of Cameroon.
- ➔ The first ANG fleet to boast a 100% Datalink integration was the 139th. Maintaining this system allows the aircrew to not only see the theater tactical picture, but also electronically identify its position to others within the theater and communicate with ground crews during airlift, airdrop, and other operations.
- ➔ Maintainers were brought online to support structural repair and APG. The capability of the maintainers from the 139th took the depot from a backlog and pushed it forward into a two week ahead of schedule condition.
- ➔ The 139th ISO Dock was able to accomplish seven inspections on home station aircraft and also train members from our Connecticut sister unit (103rd AW) to do the same on one of theirs. Maintenance dedicated five Airmen to deploy and provide essential support to the Weapons Instructor Course (WIC).



- ➔ MXG hosted and led seven other C-130 units in the ECM/Comm Nav Merger Training, certifying 22 maintainers as trainers and sending them back to their units with knowledge and teaching materials to extend to all traditional guardsmen.
- ➔ The MXG propulsion shop welcomed members from the 120th AW, Montana ANG for training on a #2 Minor ISO inspection increasing their knowledge/capability of the process.

Advanced Airlift Tactics Training Center



- ➔ First and only Air National Guard Weapons Instructor Course (WIC) for C-130H model aircraft. First class started Feb. 1, 2015.
- ➔ Provides training to U.S. military and 18 Allied nations.
- ➔ Provides 6 advanced training courses in aircrew flying and electronic warfare.
- ➔ Develops advanced tactics and procedures for mobility aircraft in an extremely timely manner to field the products to the warfighter when a need arises.
- ➔ Provides tactics and electronic warfare expertise to aircraft combat systems developers, ensuring maximum survivability of aircrews.



Sargent Benjamin Russell, Loadmaster with the 36th Squadron, Royal Australian Air Force (RAAF), watches out of the back of a C-17 Globemaster III during a simulated airdrop on June 17, 2014 near Fort Huachuca Ariz. The RAAF was participating in a two-week tactics school with The Advanced Airlift Tactics Training Center attached to the 139th Airlift Wing Missouri Air National Guard. (U.S. Air National Guard photo by Senior Airman Sheldon Thompson)



U.S. Army Maj. Gen. Stephen L. Danner, adjutant general of the Missouri National Guard announces the Weapons Instructor Course (WIC) for the C-130H Hercules aircraft at Rosecrans Air National Guard Base, St. Joseph, Aug. 28, 2014. The WIC is a graduate-level course that teaches students advanced weapons and tactics for the C-130H Hercules aircraft. The first class started February of 2015. (U.S. Air Force photo by Tech. Sgt. Erin Hickok)

Medical Group



The 139th Medical Group (MDG) continues to perform the vital mission of providing pre and post deployment force protection and medical evaluation for our deployers. In addition, the medical group provides annual medical, dental and immunization requirements for the all wing personnel, including the Active Duty and Air Reserve members attached to the wing. In this capacity, the 139th AW consistently maintains one of the highest percentages of compliance for dental and immunization readiness in the Air National Guard. The Public Health (PH) and Bioenvironmental Engineering (BEE) sections continue to provide a medically safe and environmentally friendly workplace. Both areas consistently meet and exceed all regulatory and inspection requirements.



U.S. Airmen assigned to the Missouri Air National Guard's 139th Medical Group simulate patient treatment during a training exercise at Rosecrans Air National Guard Base, Mo. (U.S. Air National Guard photo by Master Sgt. Shannon Bond)

Homeland Response Force

- ➔ Provides over 1100 fly, non-fly & occupational health physicals to Active Duty, Air Force Reserve, and Air National Guard members.
- ➔ Provides Homeland Response Force (HRF) capabilities including: Public Health, Triage, Chemical Biological Radiological Nuclear, as well as a certified patient decontamination team.
- ➔ HRF provides a quick response force for natural disasters and mass casualty treatment scenarios.



The 139 AW is the home of the medical component of the joint service FEMA Region VII Homeland Response Force (HRF). The HRF medical team includes 47 medical professionals assigned to the MDG and serves as one of 10 HRF's within the United States.

The extensively trained medical component joins with Missouri Army National Guard personnel to form a joint service team for emergency response to domestic contingency operations. In 2014, team members participated in Vigilant Guard, a national level exercise at Salina, KS. The medical personnel joined over 10,000 of their military and civilian counterparts exercising responses to large scale natural and



Tech. Sgt. David Vance, an aerospace medical technician assigned to the 139th Medical Group, checks the status of a mock patient at Camp Gruber in Braggs, Okla., March 18, 2015. More than 600 Soldiers and Airmen of the Missouri National Guard's Homeland Response Force were being evaluated on their ability to respond to large scale disasters. (U.S. Air National Guard photo by Tech. Sgt. Michael Crane)

man-made disasters. The team is passed an exercise evaluation in Camp Gruber, Okla., in March 2015.

The medical group was also successful in the completion of two 2014 inspections. The inspections, a Unit Effectiveness Inspection and HRF Standardization, Evaluation and Assistance Team (SEAT), resulted in no significant negative findings.

Airman and Family Readiness Program



The Airman and Family Readiness Program has been actively engaged assisting members and their families, providing help and services to well over 700 members and their families this year. Resources and services provided include support for the families of members who were deployed, and particularly the families of single parents. This support covered many things, from basic household and automotive repairs, child care, and partnering with the Joint Family Program and Riverside FFA. The Airman and Family Readiness Program makes available to all members and their families, deployed or not, a great number of other services: counseling for individuals, couples, marriages, and families; child and teen education and mentoring; financial management classes, and crisis and grief counseling. Deepening member resiliency is important. Family Readiness helped strengthen relationships via a chaplain-sponsored “Strong Bonds”

marriage enrichment weekend for over 40 couples. These many initiatives required coordinating several hundred volunteer hours, and partnering with community, faith-based, and other organizations to access more than 300 community resources.



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A C-130 Hercules aircraft flies over the coast of Normandy, France, June 4, 2014. Aircrews from the Missouri National Guard's 180th Airlift Squadron, Nevada National Guard's 152nd Airlift Wing, and two Air Force Reserve Command units flew in a four-plane formation over various towns across Normandy as part of a week long celebration of the 70th anniversary of D-Day. (U.S. Air National Guard photo by Senior Master Sgt. Pat Rock)